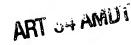
PCT/EP 03/03984 ARV Ref. 03/103 PCT Encl. to letter dated 09.04.04



18, 04, 2004

## Amended Claims



- 1. A method of detecting the presence of HPV comprising the following steps:
  - a. amplification and labelling part of the E1 HPV gene, in particular its 3' end;
- b. hybridizing the labelled fragment to a solid support containing microarrays with various HPV specific capture probes in the 3'end of the E1 region;
  - c. removing uncaptured labeled fragments;
  - d. detecting captured detectable moiety indicating the presence of HPV sequence
    DNA in a sample.

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- The method according to claim 1, wherein first nucleic acid probes are printed on the glass support or are built on the support by light-directed oligonucleotide synthesis.
- 3. The method according to claim 1 where a combination of the E1 region is used with another HPV sequence.
  - 4. A kit comprising.
    - a. a device suitable for carrying out the detection method according to the present invention as claimed in any one of claims 1 to 3;
- b. a number of primer sets;
  - c. one or more solid supports containing capture probes in the 3' side of the E1 HPV region;
  - A kit comprising according to claim 4, further comprising:
- 25 d. reagents for signal enhancement.